What is claimed is:

1. A method of detecting an inorganic phosphoric acid which comprises:

subjecting a sample to a measurement system including glyceraldehyde-3-phosphate, oxidized nicotinamide adenine dinucleotide or oxidized nicotinamide adenine dinucleotide phosphate, glyceraldehyde phosphate dehydrogenase, and an electron mediator; and

measuring a current value in said measurement system, wherein said current value indicates the concentration of the inorganic phosphoric acid in said sample.

- 2. The method of detecting an inorganic phosphoric acid according to claim 1 wherein said electron mediator is at least one selected from the group consisting of a ferricyanide, 1,2-naphthoquinone-4-sulfonate, 2,6-dichlorophenol indophenol, dimethylbenzoquinone, 1-methoxy-5-methylphenazinium sulfate, methylene blue, gallocyanine, thionine, phenazine methosulfate, and Meldola Blue.
- 3. The method of detecting an inorganic phosphoric acid according to claim 1 wherein said measurement system further comprises diaphorase.

- 4. The method of detecting an inorganic phosphoric acid according to claim 1 wherein said measurement system further comprises adenosine diphosphate and phosphoglycerate kinase.
- 5. A method of detecting a pyrophosphate which comprises:

 converting the pyrophosphate in a sample into an inorganic phosphoric acid;

subjecting said sample to a measurement system including glyceraldehyde-3-phosphate, oxidized nicotinamide adenine dinucleotide or oxidized nicotinamide adenine dinucleotide phosphate, glyceraldehyde phosphate dehydrogenase, and an electron mediator; and

measuring a current value in said measurement system, wherein said current value indicates the concentration of the pyrophosphate in said sample.

- 6. The method of detecting a pyrophosphate according to claim 5 wherein said conversion of the pyrophosphate into an inorganic phosphoric acid is conducted using pyrophosphatase.
- 7. A method of detecting a nucleic acid which comprises:

 subjecting a sample to a reaction system including a

 DNA probe having a complementary sequence to the sequence of
 said nucleic acid, DNA polymerase and a deoxynucleotide, and

allowing extension of said DNA probe whereby a pyrophosphate produced concurrent with the extension reaction of said DNA probe;

converting the pyrophosphate produced in the sample into an inorganic phosphoric acid;

subjecting said sample to a measurement system including glyceraldehyde-3-phosphate, oxidized nicotinamide adenine dinucleotide or oxidized nicotinamide adenine dinucleotide phosphate, glyceraldehyde phosphate dehydrogenase, and an electron mediator; and

measuring a current value in said measurement system, wherein said current value indicates the concentration of the nucleic acid having a specified sequence in said sample.

- 8. The method of detecting a nucleic acid according to claim 7 wherein said extension reaction of the DNA probe is a PCR reaction.
- 9. A method of typing a SNP sequence of a DNA which comprises: subjecting a sample to a reaction system including a DNA probe having a complementary sequence to the sequence of said DNA and having a SNP site, DNA polymerase and a deoxynucleotide, and allowing extension of said DNA probe whereby a pyrophosphate produced concurrent with the extension reaction of said DNA probe;

converting the pyrophosphate produced in the sample into an inorganic phosphoric acid;

subjecting said sample to a measurement system including glyceraldehyde-3-phosphate, oxidized nicotinamide adenine dinucleotide or oxidized nicotinamide adenine dinucleotide phosphate, glyceraldehyde phosphate dehydrogenase, and an electron mediator; and

measuring a current value in said measurement system, wherein said current value indicates the presence of the DNA having a specified sequence in said sample.

10. The method of typing a SNP sequence of a DNA according to claim 9 wherein said extension reaction of the DNA probe is a PCR reaction.